

Dr. Jay D. Evans, Recent Publications:

Evans, J. D., and Wheeler, D. E. Gene expression and the evolution of insect polyphenisms. *BioEssays*. 23(1), 62-68. 2001.

Evans, J.D., Pettis, J., and Sonstegard, T. Use of microsatellite DNA loci to infer genetic structure in the honey bee parasitic mite *Varroa destructor*, in Moritz, R.F.A., ed., *Molecular mechanisms of disease tolerance in honey bees*, Bee Research Institute; Czech Republic. 37-42. 2001.

Evans, J.D. Gene-expression approach to larval health and development in honey bees, in Moritz, R.F.A., ed., *Molecular mechanisms of disease tolerance in honey bees*, Bee Research Institute; Czech Republic. 43-50. 2001.

Evans, J.D. Genetic evidence for coinfection of honey bees by acute bee paralysis and Kashmir bee viruses. *J. Invert. Pathol.* 78, 189-193. 2001.

Evans, J.D. Lopez, D.L. Complete mitochondrial DNA sequence of the important honey bee pest, *Varroa destructor* (Acari:Varroidae). *Exp. Appl. Acarology*. 7, 69-78. 2002.

Evans, J.D., Pettis, J.S., Hood, W.M, Shimanuki. Tracking an invasive honey bee pest: Mitochondrial DNA variation in North American small hive beetles. *Apidologie*. 34(2), 103-109. 2003.

Evans, J.D, Gundersen-Rindal, D. Beenomes to *Bombyx*: Future directions in applied insect genomics. *Genome Biology*. 4, 107. 2003.

Evans, J.D. Diverse origins of oxytetracycline resistance in the honey bee pathogen *Paenibacillus larvae*. *J. Invert Pathol.* 83, 46-50. 2003.

Evans, J.D., Weaver, D.B. Beenome soon: Honey bees as a model 'non-model' system for comparative genomics. *Comp. Funct. Genomics*. 4, 351-352. 2003.

Evans, J.D., Shearman, D.B., Oldroyd, B.P. Molecular basis of sex determination in Haplodiploids. *Trends Ecol Evo.* 19, 1-3. 2004.

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Chen, Y, Pettis, J.S., Evans, J.D, Kramer, M., Feldlaufer, M.F. Transmission of Kashmir Bee Virus by the ectoparasitic mite *Varroa destructor* Anderson and Trueman, (*Apidologie*). (in press).

Evans, J.D. Transcriptional immune response by honey bee larvae during invasion by the bacterial pathogen, *Paenibacillus larvae*. *J. Invert Pathol.* 85, 105-111. 2004.

Evans, J.D., Lopez, D.L. Bacterial probiotics induce an immune response in honey bees, *Apis mellifera* (*J. Econ. Entomology*). (in press).